

## Wonderful Crops.

Much has been said in favor of irrigation in these columns, and by agriculturists generally, but where the experiment has been made it has realized all that has been promised. The New York Times publishes the following interesting results obtained from irrigation in Colorado:

"We learn, for instance, that a Mr. Manges, whose farm is on the South Platte, near Denver, raised, in 1869, ninety bushels of wheat on one acre of ground, sixty-five on another, and five hundred and fifty bushels on ten acres of another farm. Mr. T. G. Anderson raised ninety bushels of oats on one acre. Mr. Wm. Hinman, on the Purgatoire twelve miles below Trinidad raised six hundred and forty bushels of oats on eight acres. Close by the same spot, Mr. Rankin raised two hundred and fifty bushels of onions per acre. The Governor of the Territory has lately declared in public that he has seen ninety-three bushels of wheat raised on one acre, two hundred and thirty-two bushels of English Excelsior oats on four acres, and one hundred and sixty-six bushels of Black Swenjish on two acres; 100 bushels of potatoes on three acres—Edy-four potatoes making the bushel, and weighing fifty-nine and one half pounds. Onions planted in a hotbed, and raised out of doors afterward, yielded also the thousand bushels to the acre. From one pound of seed-barley one hundred and ten pounds were produced. The average yield of grains and vegetables, Gov. McCook reports as follows: Wheat, thirty-eight bushels to the acre; oats, fifty-five bushels; corn, thirty; potatoes, one hundred and fifty to two hundred; onions, two hundred and fifty, and beans thirty bushels."

## Effects of Underdraining.

We have often heard of the great benefits resulting from underdraining, but have never seen them more strikingly illustrated than recently, on viewing a piece of ground on which cabbage grew last season. We understand the proprietor to say that he had sold from this piece of land containing three-fourths of an acre, 4,000 heads—varying in weight from 20 to 47 pounds, at the rate of \$1.75 per hundred head. This, if we compute, gives a net profit of more than \$600 to the acre. When we take into view the fact that the culture of cabbage requires no extraordinary skill, and but a moderate application of labor, we think this product equal to any we have seen. We know not what to attribute, except to the fact that the entire piece has been lately underdrained to the depth of about three feet. It is flat land, was well fertilized for many years by the liberal application of sea manure, and has generally yielded from two to three tons of hay to the acre, besides a fair cutting of the second crop.

## Keeping Sweet Potatoes.

As the season for putting up sweet potatoes for winter use is at hand, the following method of preserving them is recommended by S. Miller, Pittington, Mo.: "In a little communication on the subject of sweet potatoes, I endorse all, and wish to add a little information. For the past ten years we have packed them in perfectly dried forest leaves. They must be effectually dried in the sun or around the stove, if the weather be damp or cloudy. Pack so that they do not touch each other, and keep in a moderately warm place. They are much nicer to handle than in sand, and will keep as well or better than in any thing else. I have the season six varieties, the success of which may be given to the journal when they are taken up. I don't grow to sell, nor do I sell plants, as I prefer buying my plants to the raising of them."

## Cheap Vegetable Cellar.

The Household says that to make a cheap vegetable cellar, sink a barrel two-thirds of its depth into the ground (a box or cask will answer a better purpose); pack the earth around the part projecting out of the ground, with a slope all around all sides; place the vegetables you desire to keep in the vessel; cover the top with a water-tight cover, and when the winter sets in throw on handfuls of straw, hay, or something of that sort on the barrel. If the bottom is out of the cask or barrel it will be better. Cabbages, celery and other vegetables will keep in this as fresh as when taken from the ground. The celery should stand perpendicular, celery and earth alternating. Freedom from the frost, and ease of access, and especially freshness and freedom from rot, are the advantages claimed.

**PAT SMALL DEBTS**—Small bills should be promptly paid. The men to whom they are due generally need the money. The little bills are the ones that make numberless gaps in the world of business. How much comfort to families, cheer to desponding business men, and encouragement generally, would be given by the immediate discharge of all little, and perhaps half forgotten obligations! Pay small debts, and do it at once!

A squash weighing 33 pounds took the premium at a late Texas fair.

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## Insolvency Notice.

The insolvency of the estate of S. Adams, deceased, having been suggested, all persons indebted to said estate are requested to come forward and settle the same immediately; and those having claims against said estate are notified to file the same with the Clerk of the County Court of Franklin county, duly authenticated, on or before the 26th day of January, 1871, or they will forever barred. J. N. HUGHES, Adm'r.

Oct. 23-41

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